

Item	Topic Title & Abstracts	Presented By	Time
1	Title: Equipment health monitoring of vibrating and moving assets Topic Abstracts: Wireless multivariable monitoring tools provide real-time insights into critical equipment parameters such as pressure, temperature, acoustics, and vibration. By leveraging secure, low-power wireless communication protocols, these devices make it possible to continuously track asset health across large or remote facilities without costly wiring or complex installations. With advanced sensing and analytics, they enable early detection of performance issues, helping operators schedule maintenance proactively, minimize unexpected failures, and reduce costly downtime. Easy deployment and scalable integration ensure that plants can optimize reliability, safety, and efficiency while lowering total maintenance costs	Presented By: Honeywell Process Measurement and Controls (Thermo-Kinetics) Presenter: Owais Arshad - Product Manager Owais Arshad is a dedicated Electrical Engineer and Product Manager with over 20 years of experience in instrumentation, bringing strong technical, analytical, and communication skills to every role. His background spans product development, applications engineering, business development, quality management, and project leadership, with a proven track record in designing, testing, servicing, and selling advanced instrumentation solutions. Most recently, he spent three years at Honeywell as an Offering Manager for field and process instruments, where he drove product strategy and market growth while supporting cross-functional teams to deliver customer-focused innovations.	11:45 AM
2	Title: Emission Monitoring for SRU & WGS Refinery Applications Topic Abstracts: Overview of emission monitoring technologies specific to SRU and WGS refinery operations Key application and installation challenges encountered in real-world projects Relevance of the topic to the Sarnia/Nanticoke region How the system design aligns with environmental compliance requirements	Presented By: Westech Industrial Presenter: Vinod Vincent Experienced Product Manager and Process Analyzer Application Specialist with a strong background in analyzer and measurement technology within the Oil & Gas sector. Proven track record in growth strategy, account management, and business development across the Middle East, Asia-Pacific, and Canadian energy markets. Passionate about driving innovation, optimizing processes, and delivering strategic technical value. Frequent speaker at industry events including CSHM (Canada), AEC/ISA, and ISA-AD across the Middle East and Asia-Pacific	12:30 PM

3	Title: Advanced Multi-Sensor Technology Topic Abstracts: WIKA Advanced Wireless multi-sensor technology combines ultrasound, vibration, and temperature analysis to give maintenance teams earlier and clearer signals of equipment health. Ultrasound captures turbulence and leaks that vibration alone often misses, vibration identifies imbalance and bearing wear, and temperature highlights thermal drift from friction or seal degradation. Together, they create a complete health profile for both rotating equipment and valves, catching anomalies at the incipient stage rather than after visible failure. The real outcome isn't just more data — it's more lead time, turning last-minute firefighting into planned interventions and giving teams greater control over reliabilitye	Presented By: Wika Presenter: Nicolas Wnuk - VP of Sales & Business Development Nicolas is a seasoned expert in Industrial solutions, specializing in predictive maintenance and asset reliability. With extensive experience across commercial disciplines, he helps organizations optimize operations through AI-driven condition monitoring. As IoT expert support for WIKA, Nicolas advises them on deploying smart IoT solutions to prevent equipment failures, reduce downtime, and enhance operational efficiency. He supports North American expansion strategies	1:15 PM
4	Title: Modern Reactor Temperature Instrumentation Topic Abstracts: Reactor temperature profiling has advanced significantly over the past several decades, shifting from sparse and often unreliable measurements to today's high-density, highly reliability multipoint systems. These improvements have been driven by the need for greater process visibility, faster response times, and robust reliability in demanding environments such as hydroprocessors, SRUs, reformers, and chemical reactors. This presentation will provide a brief review of how multipoint temperature instrumentation has evolved, highlighting improvements in probe design, sensor density, accuracy, and mechanical durability, followed by a collection of real-world case studies illustrating the benefits of modern systems. Attendees will gain an understanding of how today's best technologies deliver superior point visibility and actionable data for safe, efficient, and optimized reactor performance	Presented By: Daily Thermetrics Presenter: Pat Coughlin Pat specializes in the design, engineering, and installation of temperature instrumentation, with extensive hands-on experience across refineries, chemical plants, and other industrial operators in North America. He works closely with a variety of site personnel to implement reliable thermowell, reactor, and heater instrumentation solutions in diverse applications on behalf of Daily Thermetrics.	2:00 PM

5	Title: Beyond the Hype : How Software-Defined Automation is the Engineering Backbone of Digital Transformation Topic Abstracts: The industrial sector is undergoing a profound digital transformation, driven by a global imperative for greater manufacturing efficiency, sustainability, and market agility. While this transformation is widely recognized as a strategic priority, the operational-level engineering and technological challenges, including a skills gap and the burden of legacy systems, remain significant. This presentation argues that Software-Defined Automation (SDA) is not merely an incremental technological upgrade, but the essential, foundational layer that enables and accelerates digital transformation on the factory floor.	Presented By: Schneider Electric (Triconext) Presenter: Andre Babineau - Country Director. Software Defined Automation Andre Babineau is Country Director, Software Defined Automation in Industrial Automation division at Schneider Electric. Andre is based in Montreal, Canada and brings over 30 years of global experience in marketing, software development and large project execution. He has worked over 15 years in Invensys in different roles as project engineering director to pre-sales director for the European region. After leaving Invensys Andre worked at CAE as an engineering director in charge of re-designing a brand-new instructor station including modern User Experience technologies for flight simulator. And just prior joining Schneider Electric he worked as a pre-sales director for Velan, a valve manufacturer. Andre has a BSC in Electrical Engineering from Université Laval	2:45 PM
6	Title: Future proofing the Fiber Infrastructure in your plant Topic Abstracts: Fiber optic infrastructures are greatly improved from traditional cabling systems. Future Flex Air Blown Fiber is a refined version of the already outstanding fiber optic cabling systems. The revolutionary technology and design of the FutureFLEX® Air-Blown Fiber® solution provides immediate scalability with installations of exact fiber types and counts required in real time. Conduct fast and easy installs, upgrades, and MACs in minutes or hours versus weeks or months associated with traditional cabling	Presented By: Sumitomo Electric (Provincial Controls) Presenter: Robert Sutton - Regional Sales & National Account Manager Robert has served clients over the past 23 years, bringing extensive design applications for various industrial applications, including oil refineries, chemical plants, power plants, food processing plants and numerous industrial applications. In his current role, he works with end-users to design cost-effective solutions that prioritize easier, disruption-free future implementations, leveraging his previous 30 years of experience to understand each unique customer's needs and optimize based on cost, project size, and innovation.	3:30 PM

7	Title: Fundamentals of Combustion Controls	Presented By: Novatech Presenter:	4:15 PM
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